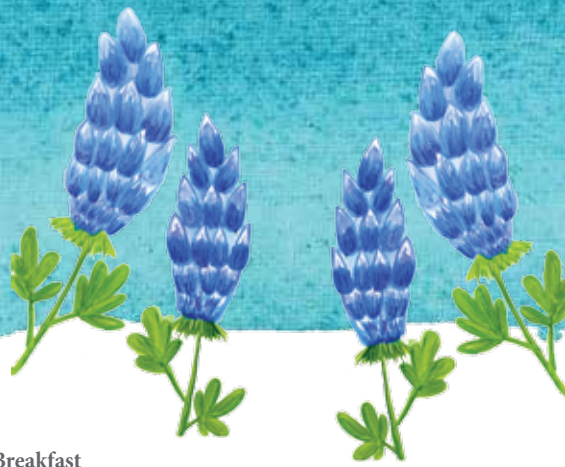


Program



7:15 am Registration and Continental Breakfast

8:00 Welcome and Inauguration

- Dr. Ronald DePinho - Welcome
- Dr. Richard Gorlick - Director of Pediatrics
- Marnie Rose Foundation- Lanie Rose
- The Scully Family
- Dr. Soumen Khatua - Overview

Session #1: Immunotherapy in Pediatric Brain Tumors

Session Chairs: Daniel C. Bowers, MD and Mark R. Gilbert, MD

8:30 **Overview- Immunotherapy in Pediatric Brain Tumors**
Keynote Speaker: Mark R. Gilbert, MD

8:55 **Targeting Brain Tumors with Genetically Engineered T Cells**
Stephen M. Gottschalk, MD

9:10 **Local Regulated IL-12 Expression for the Treatment of Brain Tumors in Children Including DIPG (No CME Credit)**
Laurence J.N. Cooper, MD, PhD and Francois Lebel, MD

9:25 **NK Cell in Brain Tumors**
Dean Lee, MD, PhD

9:40 **Immunomodulatory Effects of LSD1 Inhibition in DIPG and Translational Aspects**
Joya Chandra, PhD

9:55 Panel Discussion

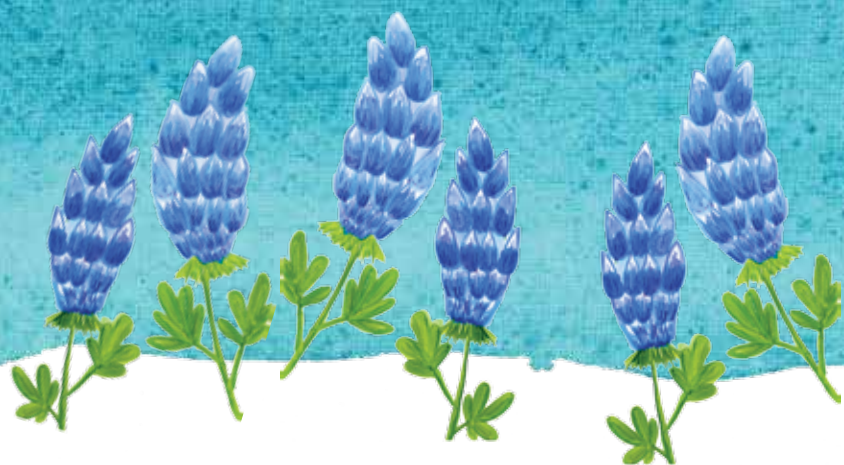
10:15 Break

Session #2: Molecular Targeted Therapy

Session Co-Chairs: Murali Chintagumpala, MD; Amar Gajjar, MD and Virginia L. Harrod, MD, PhD

10:30 **Targeted Therapy in Pediatric Neuro Oncology**
Keynote Speaker: Amar Gajjar, MD

10:55 **Precision Neuro-Oncology: Clinical Genomics for Children with CNS Tumors**
Donald W. Parsons, MD, PhD



11:10 Targeting the Brain Tumor Methylome

Vidya Gopalakrishnan, PhD

11:25 Genetic and Epigenetic Landscapes of Medulloblastoma Subgroups

Paul A. Northcott, PhD

11:40 WHO Classification 2016: Update on Pediatric Tumors

Greg Fuller, MD, PhD, AS

11:55 Adult Medulloblastoma: What We Know and What We Don't Know

Marta Penas-Prado, MD

12:15 pm Panel Discussion

12:30 Lunch (provided) and Photo Shoot

Session #3: Preclinical Models to Clinical Trials

Session Co-Chairs: Juan Fueyo-Margareto, MD and Vidya Gopalakrishnan, PhD

1:15 More Subgroups, More Models: Using Genomics and Epigenomics to Inform Brain Tumor Model Development

Stephen C. Mack, PhD

1:35 A Comprehensive Panel of Patient-Derived Orthotopic Xenograft (PDOX) Mouse Models of Pediatric Brain Tumors

Xiao-Nan Li, MD, PhD

1:55 What Can We Learn from Genetic Models of DIPG?

Oren Josh Becher, MD

2:15 Panel Discussion

2:30 Break

General Session

Session Co-Chairs: Leena Ketonen, MD, PhD; Susan L. McGovern, MD, PhD; David Sandberg, MD and Wafik Zaky, MBBCH

2:45 Direct Drug Delivery into the Fourth Ventricle of the Brain to Treat Recurrent Malignant Posterior Fossa Tumors

David Sandberg, MD

3:00 Laser Interstitial Thermal Therapy for the Treatment of Brain Tumors

Sujit S. Prabhu, MD

3:15 Evolving Surgical and Multidisciplinary Management Strategies of Pediatric Skull Base Cancers

Shaan M. Raza, MD

3:30 Radiation Therapy for Pediatric Low Grade Glioma

Mary McAleer, MD, PhD

3:45 Synaptic Toxicities of Radiation Therapy

David R. Grosshans, MD, PhD

4:00 Neurocognitive Outcome Following Radiation for Pediatric Brain Tumors: Review and Emerging Directions

Peter Stavinoha, PhD

4:15 Molecular Neuroimaging

Dawid Schellingerhout, MD

4:30 Clinical Trials in NF

John M. Slopis, MD

4:45 Discussion

5:10 Closing Remarks

5:15 pm Adjourn

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